

CLAIMS

I claim:

1. A method for sharing an application, the method comprising:
 - 5 determining a position and a size of a non-DirectDraw region of a shared application window by monitoring function calls made by the application;
 - determining a position and a size of an DirectDraw region of a shared application window by monitoring a DirectDraw COM interface; and
 - 10 capturing a screen shot of an image corresponding to the non-DirectDraw and the DirectDraw regions of the shared application window;
wherein the position and the size of the non-DirectDraw region and the position and the size of the DirectDraw region define a position and a size of the shared application window.
2. The method of Claim 1 further comprising:
 - 15 transmitting the position and the size of the shared application window to a viewer.
3. The method of Claim 1 further comprising:
 - transmitting the screen shot to a viewer.
- 20 4. The method of Claim 1 further comprising:
 - determining a position and a size of a non-shared application window by monitoring function calls made by the non-shared application; and
 - if the non-shared application window overlaps the shared application window, determining a position and a size of an overlapping region.

5. The method of Claim 4 further comprising:
transmitting the overlapping region to a viewer.
- 5 6. The method of Claim 1 further comprising:
determining whether the position or the size of the shared application
window has changed by monitoring function calls made by the shared
application; and
if the position or the size of the shared application window has changed,
10 determining a new position and/or a new size of the shared application window.
- 15 7. The method of Claim 1 further comprising:
periodically capturing the image corresponding to the shared application
window.
8. The method of Claim 7 further comprising:
periodically transmitting the captured image to the viewer.
9. A computer-readable storage medium storing a computer program
20 executable by a computer, the computer program comprising computer instructions for:
determining a position and a size of a non-DirectDraw region of a shared
application window by monitoring function calls made by the application;
determining a position and a size of an DirectDraw region of a shared
application window by monitoring by monitoring a DirectDraw COM interface;
25 and

5

capturing a screen shot of an image corresponding to the non-DirectDraw and the DirectDraw regions of the shared application window; wherein the position and the size of the non-DirectDraw region and the position and the size of the DirectDraw region define a position and a size of the shared application window.

10

10. The computer readable storage medium of Claim 9 further comprising computer instructions for:

transmitting the position and the size the shared application window to a viewer.

15

11. The computer readable storage medium of Claim 9 further comprising computer instructions for:

transmitting the screen shot to a viewer.

20

12. The computer readable storage medium of Claim 9 further comprising computer instructions for:

determining a position and a size of a non-shared application window by monitoring function calls made by the non-shared application; and if the non-shared application window overlaps the shared application window, determining a position and a size of an overlapping region.

25

13. The computer readable storage medium of Claim 12 further comprising computer instructions for:

transmitting the overlapping region to a viewer.

14. The computer readable storage medium of Claim 9 further comprising
computer instructions for:

determining whether the position or the size of the shared application
5 window has changed by monitoring function calls made by the shared
application; and

if the position or the size of the shared application window has changed,
determining a new position and/or a new size of the shared application window.
- 10 15. The computer readable storage medium of Claim 9 further comprising
computer instructions for:

periodically capturing the image corresponding to the shared application
window.
- 15 16. The computer readable storage medium of Claim 15 further comprising
computer instructions for:

periodically transmitting the captured image to the viewer.
- 20 17. A data conferencing system comprising:

a presenter computer connected to one or more server computers via a
global area network;

a viewer computer connected to the one or more server computers via
the global area computer network; and

a computer program executable by the presenter computer, wherein the
25 computer program comprises computer instructions for:

determining a position and a size of a non-DirectDraw region of a shared application window by monitoring function calls made by the application;

5 determining a position and a size of an DirectDraw region of a shared application window by monitoring by monitoring a DirectDraw COM interface; and

capturing a screen shot of an image corresponding to the non-DirectDraw and the DirectDraw regions of the shared application window;

10 wherein the position and the size of the non-DirectDraw region and the position and the size of the DirectDraw region define a position and a size of the shared application window.

15 18. The data conferencing system of Claim 17 further comprising computer instructions for:

transmitting the position and the size of the shared application window to a viewer computer.

19. The data conferencing system of Claim 17 further comprising computer 20 instructions for:

transmitting the screen shot to the viewer computer.

20. The data conferencing system of Claim 17 further comprising computer instructions for:

determining a position and a size of a non-shared application window by monitoring function calls made by the non-shared application; and if the non-shared application window overlaps the shared application window, determining a position and a size of an overlapping region.

5

21. The data conferencing system of Claim 20 further comprising computer instructions for:
transmitting the overlapping region to a viewer.

10 22. The data conferencing system of Claim 17 further comprising computer instructions for:
determining whether the position or the size of the shared application window has changed by monitoring function calls made by the shared application; and if the position or the size of the shared application window has changed,
15 determining a new position and/or a new size of the shared application window.

23. The data conferencing system of Claim 17 further comprising computer instructions for:
periodically capturing the image corresponding to the shared application
20 window.

24. The data conferencing system of Claim 23 further comprising computer instructions for:
periodically transmitting the captured image to the viewer computer.

25